BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/04/2022-23 Dated: 12-05-2022

APPROVED TENDER SCHEDULE –'B'

Item 07

Name of Work:-Improvements and Asphalting to Chikkadinne and surrounding areas in Attur ward No 03 of Yelahanka Satellite town sub Division.

Sl	Description	Unit	Approved Qty	Rate quoted by the contractor approved rates Sri. RAMESH Y B	
				Rate	Rate in Words
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) and as per the directions of the Engineer-in-charge of the work	Sqm	1102.49	116.75	One Hundred Sixteen Paise SeventyFive Only
2	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.and as per the directions of the Engineer-in-charge of the work	Cum	1616.90	214.63	Two Hundred Fourteen Paise SixtyThree Only
3	Providing One line dressing to granite stone slab/ granite stone masonry as per speciication and as per the directions of the Engineer-in-charge of the work	Sqm	225.29	997.41	Nine Hundred NinetySeven Paise FourtyOne Only
4	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.and as per the directions of the Engineer-in-charge of the work	Cum	215.67	6637.23	Six Thousand Six Hundred ThirtySeven Paise TwentyThree Only

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5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) and as per the directions of the Engineer-in-charge of the work	Cum	414.75	7579.74	Seven Thousand Five Hundred SeventyNine Paise SeventyFour Only
6	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. and as per the directions of the Engineer-in-charge of the work	tonne	29.54	96673.74	NinetySix Thousand Six Hundred SeventyThree Paise SeventyFour Only
7	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete.and as per the directions of the Engineer-in-charge of the work	Sqm	1120.45	2451.51	Two Thousand Four Hundred FiftyOne Paise FiftyOne Only
8	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,and as per the directions of the Engineer-in-charge of the work	Sqm	52.32	5683.48	Five Thousand Six Hundred EightyThree Paise FourtyEight Only
9	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work.and as per the directions of the Engineer-in-charge of the work	Cum	247.00	75.00	SeventyFive Only
10	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.and as per the directions of the Engineer-in-	Sqm	536.80	6.67	Six Paise SixtySeven Only
11	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading,grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour,rolling,water,all materials,usage& all other appurtenaces required to complete the work. and as per the directions of the Engineer-	Cum	92.48	463.87	Four Hundred SixtyThree Paise EightySeven Only

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12	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause and as per the directions of the	Cum	34.68	2708.20	Two Thousand Seven Hundred Eight Paise Twenty Only
13	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density MORTH Specification and as per the directions of the Engineer in charge of the work	Cum	300.17	2762.44	Two Thousand Seven Hundred SixtyTwo Paise FourtyFour Only
14	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complet as per specifications.and as per the directions of the Engineer-in-charge of the work	Sqm	1305.09	23.35	TwentyThree Paise ThirtyFive Only
15	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means MORTH Specification and as per the directions of the Engineer-in-charge of the work	Sqm	2932.15	50.77	Fifty Paise SeventySeven Only
16	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting thehot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects (PWD SR 21-22 Vol III Pg no 33	Cum	146.61	11410.92	Eleven Thousand Four Hundred Ten Paise NinetyTwo Only
17	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications.and as per the directions of the Engineer-in-charge of the work	Sqm	6739.44	5.56	Five Paise FiftySix Only
18	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom MORTH Specification and as per the directions of the Engineer-in-charge of the work	Sqm	6739.44	17.31	Seventeen Paise ThirtyOne Only

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19	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification and as per the	Cum	269.58	13305.62	Thirteen Thousand Three Hundred Five Paise SixtyTwo Only
20	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. MORTH Specification and as per the directions of the Engineer-in-charge of the work	Sqm	274.11	551.56	Five Hundred FiftyOne Paise FiftySix Only
21	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 14 m3) and as per the directions of the Engineer-in-charge of the work	Cum	1863.89	85.39	EightyFive Paise ThirtyNine Only
22	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km and as per the directions of the Engineer-in-charge of the work	t.Km	2385.78	121.16	One Hundred TwentyOne Paise Sixteen Only

Signature of the Contractor

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